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|  |  |                       |   | APPLICANT: Krieg et al.     |                              |
|  |  |                       |   | GROUP ART UNIT: 1633        | EXAMINER: J. Mark            |
| Sheet  |  | of                    | 1 |                             |                              |

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U.S. PATENT DOCUMENTS

| Examiner's<br>Initials# | Cite<br>No. | U.S. Patent Document |              | Name of Patentee or Applicant of Cited<br>Document | Date of Publication or of<br>of Cited Document<br>MM-DD-YYYY |            |
|-------------------------|-------------|----------------------|--------------|--|--|------------|
|                         |             | Number               | Kind<br>Code |  | CLASS  | SUBCLASS   |
| <i>JS</i>               |             | 5,804,566            | B1           | Carson et al.                                      | 514  | 44         |
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| Examiner's<br>Initials# | Cite<br>No. | Foreign Patent Document |          |              | Name of Patentee or Applicant of Cited<br>Document<br>(not necessary) | Date of<br>Publication of<br>Cited Document<br>MM-DD-YYYY | Translation<br>(Y/N) |
|-------------------------|-------------|-------------------------|----------|--------------|---|---|----------------------|
|                         |             | Office/<br>Country      | Number   | Kind<br>Code |   |   |                      |
| <i>JS</i>               |             | WO                      | 96/40162 | A1           | East Carolina University  | 12/19/1996  |                      |
| <i>JS</i>               |             | WO                      | 97/28259 | A1           | Regents of the University of CA                                       | 08/07/1997  |                      |
| <i>JS</i>               |             | WO                      | 98/16247 | A1           | Regents of the University of CA                                       | 04/23/1998  |                      |
| <i>JS</i>               |             | WO                      | 98/49288 | A1           | Hybridon, Inc.  | 11/05/1998  |                      |
| <i>JS</i>               |             | WO                      | 98/55495 | A2           | Dynavax Technologies Corp.  | 12/10/1998  |                      |
| <i>JS</i>               |             | WO                      | 99/58118 | A2           | CPG Immunopharmaceuticals GmbH et al.                                 | 11/18/1999  |                      |

OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's<br>Initials# | Cite<br>No | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the<br>item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue<br>number(s), publisher, city and/or country where published.                                    | Translation<br>(Y/N) |
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|                         |            | <del>BROIDE, D. et al., "DNA-Based Immunization for Asthma", <i>International Archives of Allergy and Immunology</i>, 1999, Pages 453-456, Vol. 118, S. Karger AG, Basel</del>   |                      |
|                         |            | <del>CROFT, M. et al., "Generation of Polarized Antigen-specific CD8 Effector Populations: Reciprocal Action of<br/>Interleukin (IL) 4 and IL-12 in Promoting Type 2 versus Type 1 Cytokine Profiles", <i>J. Exp. Med.</i>, November<br/>1994, Pages 1715-1728, Vol. 180, The Rockefeller University Press</del> |                      |
|                         |            | <del>HUANG, L. Y. et al., "Induction and Regulation of Th1-Inducing Cytokines by Bacterial DNA,<br/>Lipopolysaccharide, and Heat-Inactivated Bacteria", <i>Infection and Immunity</i>, December 1999, Pages 6257-6263,<br/>Vol. 67, No. 12, American Society for Microbiology</del>                              |                      |
|                         |            | <del>KLINE, J.N. et al., "CpG oligodeoxynucleotides do not require T<sub>H</sub>1 cytokines to prevent eosinophilic airway<br/>inflammation in a murine model of asthma", <i>J. Allergy Clin. Immunol.</i>, December 1999, Pages 1258-1264, Vol.<br/>104, No. 6</del>  |                      |
|                         |            | <del>KRIEG, A.M. et al., "Immune effects and therapeutic applications of CpG motifs in bacterial DNA",<br/><i>Immunopharmacology</i>, 2000, Pages 303-305, Vol. 48, Elsevier Science B.V.</del>  |                      |
|                         |            | <del>LIPFORD, G.B. et al., "Bacterial DNA as immune cell activator", <i>Trends Microbiol.</i>, 1998, Pages 496-500,<br/>Vol. 6, No. 12, Elsevier Science</del>   |                      |
|                         |            | <del>VAN UDEN, J. et al., "Immunostimulatory DNA and applications to allergic disease", <i>J. Allergy Clin.<br/>Immunol.</i>, November 1999, Pages 902-910, Vol. 104, No. 5</del>  |                      |

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| EXAMINER<br><i>JS</i> | DATE CONSIDERED<br><i>5/1/02</i> |
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\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).